

**CELLULAR MICROBEAD FILTER FOR USE IN  
WATER RECIRCULATING SYSTEM**

**Abstract of the Disclosure**

- 5           A water recirculating system for use in producing fish. The water  
recirculating system includes a fish raising tank that provides an environment for  
fish to grow and a supply system to deliver contaminated water from the fish  
raising tank to a filtration system. The filtration system includes a chamber with  
a hydraulic loading area that is divided into a plurality of cells with smaller  
10 hydraulic loading areas. Filter media is positioned in each cell to filter the  
contaminated water received from the fish raising tank. A delivery system  
returns the filtered water back to the fish raising tank.